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(54) **Data transmitting apparatus, data receiving apparatus and data transmission control apparatus**

(57) It is objected to simplify a procedure concerning bandwidth acquisition. Bandwidth acquiring means 809 of a second transmitting apparatus 814 acquires a bandwidth which was used by a first transmitting apparatus 806 by using a propagation delay identifier 804 read from first transmitting apparatus 806 and a maximum transmission data size 805 after stopping transmission of first transmitting apparatus 806. Each apparatus is com-

posed so that transmission is started using this bandwidth and because returning and re-acquisition are not accompanied when the transmission is switched, necessary procedure can be simplified. Further, it is possible to effectively use the bandwidth by using a propagation delay identifier.

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EUROPEAN SEARCH REPORT

Application Number
EP 00 10 3026

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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A	US 5 367 523 A (CHANG RONG-FENG ET AL) 22 November 1994 (1994-11-22) * column 1, line 29 - line 36 * -----	1-9	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H04L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23 July 2003	Examiner Gregori, S
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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